

**ELECTRICAL ENERGY COMPLIANCE FORM**  
**(for tenant layout projects only)**  
**Based on 2000 International Energy Conservation Code (IECC)**

This form, to be completed by a registered design professional, or a licensed master electrician or Class A electrical contractor may be submitted in lieu of detailed calculations. However, a worksheet, not required to be submitted, is available to assist you in completing the calculations. Violations and omissions of the code requirements are the responsibility of the design professional. All questions and requested information on this form must be completed.

**PROJECT INFORMATION**

Project Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

Plan Number: \_\_\_\_\_

Buildings or portions separated by building envelope assemblies from the remainder of the building, that have a peak design rate of energy usage less than 3.4 Bth/h per sq ft (10.7 W/m<sup>2</sup>) or 1.0 watt per sq ft (10.7 W/m<sup>2</sup>) of floor area for all purposes, and buildings or portion which are neither heated nor cooled are exempt from completing this form. If not exempted, check **only** the boxes below that apply to the plan designed.

**GENERAL**

Building type or space activity: \_\_\_\_\_

**LIGHTING CONTROLS**

**INTERIOR LIGHTING CONTROLS**

- ☐ Each area has at least one manual control for lighting serving the area ----805.2.1
- ☐ The manual control is located within the area served by the manual control or the control is a remote switch that identifies the lights served and indicates their status ----805.2.1
- ☐ Each area that requires a manual control is provided with a Bi-Level switching mechanism that allows occupants to reduce the connected lighting load in uniform illumination pattern by at least 50% ----805.2.1.1
- ☐ Guest rooms in hotels, motels, boarding houses and similar buildings have at least one master switch at the main entry door that controls all permanently wired fixtures and switched receptacles, except those in the bathrooms ----805.2.1.2

**EXTERIOR LIGHTING CONTROLS**

- ☐ Automatic switching or photocell controls are provided for all exterior lighting not intended for 24-hour operation ----805.2.2
- ☐ Automatic time switches have a combination seven-day and seasonal daylight program schedule adjustment, and a minimum 4-hour power backup ----805.2.2
- ☐ Exterior lighting supplied through the energy service to the building other than low-voltage landscape lighting has a source efficacy of at least 45 lumens per watt ----805.5

### **TANDEM WIRING**

- ☐ One or three-lamp fluorescent fixtures that are pendant or surface-mounted in continuous rows or recess-mounted in an accessible ceiling within 10-feet of each other are tandem wired ----805.3

### **INTERIOR LIGHTING POWER REQUIREMENTS**

- ☐ The total connected interior lighting power is the sum of the watts of all interior lighting equipment determined in accordance with section 805.4.1.1 through 805.4.1.4
- ☐ The wattage of the screw lamp holder is the maximum labeled wattage of the luminaire ----805.4.1.1
- ☐ The wattage of the low-voltage lighting is the specified wattage of the transformer supplying the system ----805.4.1.2
- ☐ The wattage of all other lighting equipment is the wattage of the lighting equipment verified through data furnished by the manufacturer or other approved sources ----805.4.1.3
- ☐ The wattage of the line-voltage lighting track and plug-in busway is the greater of the wattage of the luminaires determined in accordance with section 805.4.1.1 through 805.4.1.3 or 30 watts/linear feet ----805.4.1.4
- ☐ The total interior lighting power (watts) for the entire building is the value from Table 805.4.2 for the building type times the conditioned total floor area ----805.4.2.1
- ☐ The total interior lighting power (watts) for the tenant area or portion is the sum of all interior lighting power for all areas in the building covered in this permit ----805.4.2.2
- ☐ The total interior lighting power for the tenant or portion is the conditioned floor area for each area type in Table 805.4.2 times the value from Table 805.4.2 for that area -----805.4.2.2

### **CERTIFICATION**

I further hereby certify that the project referenced herein complies with all the applicable requirements of 2000 IECC.

Name: \_\_\_\_\_

- ☐ Registered design professional\*
- ☐ Virginia Licensed Master Electrician
- ☐ Virginia Class A Electrical Contractor

Virginia License Number: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

